

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/054,988-Conf. #8271
				Filing Date	January 25, 2002
				First Named Inventor	Paul A. Moore
				Art Unit	4653 1644
				Examiner Name	K. C. Carlson Haddad
Sheet	1	of	1	Attorney Docket Number	PZ032P1C3

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
mt	AX	ALLIKMETS, et al., "Characterization of the human ABC superfamily: isolation and mapping of 21 new genes using the Expressed Sequence Tags database," <i>Human Molecular Genetics</i> , 5(10):1649-1655 (1996).	
mt	AY	GRIMHOLT, U., "Transport-associated proteins in Atlantic salmon (<i>Salmo salar</i>)," <i>Immunogenetics</i> , 46:213-221 (1997).	
mt	AZ	POWIS, et al., "Restoration of antigen presentation to the mutant cell line RMA-S by an MHC-linked transporter," <i>Nature</i> , 354:528-531 (December 26, 1991).	
mt	BA	YAMAGUCHI, et al., "An ABC transporter homologous to TAP proteins," <i>FEBS Letters</i> , 457:231-236 (1999).	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	Maher Haddad	Date Considered	2/4/05
-----------------------	--------------	--------------------	--------